

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,311,915 B2  
APPLICATION NO. : 10/659324  
DATED : December 25, 2007  
INVENTOR(S) : Birger Sørensen

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [73]

Assignee "BIONOR A/S, Norway" should read  
--BIONOR IMMUNO AS, Norway--.

ON TITLE PAGE AT (56) OTHER PUBLICATIONS

After "Abaza et al.": "outside and" should read --outside an--.

COLUMN 1

Line 37, "adjuvances." should read --adjuvants.--; and  
Line 56, "protein," should read --protein--.

COLUMN 4

Line 46, "groups;" should read --groups:--; and  
Line 52, "meanings;" should read --meaning:--.

COLUMN 5

Line 8, "meaning;" should read --meaning:--; and  
Line 24, "Xaa<sub>15</sub> Xaa<sub>15</sub>" should read --Xaa<sub>15</sub> Xaa<sub>16</sub>--.

COLUMN 6

Line 31 , "bridge for" should read --bridge, for--; and  
Line 33, "C<sub>1</sub>-C<sub>8</sub> alkylen" should read --C<sub>1</sub>-C<sub>8</sub> alkylene--.

COLUMN 7

Line 9, "groups;" should read --groups:--;  
Line 10, "hydroxyd," should read --hydroxide,--;  
Line 20, "particulates for" should read --particulates, for--;  
Line 40, "di- tri-" should read --di-, tri- --;  
Line 41 , "tetra peptides." should read --tetra-peptide.--;  
Line 52, "responses," should read --response,--; and  
Line 64, "embodiments of" should read --embodiment,--.

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COLUMN 8

Line 2, "antigens;" should read --antigens--;  
Line 36, "artifical" should read --artificial--; and  
Line 38, "is" should be deleted.

COLUMN 9

Line 6, "in vacuc" should read --in vacuo--;  
Line 16, "chromotography" should read --chromatography--; and  
Line 35, "abbreviations," should read --abbreviations--.

COLUMN 10

Line 25, "(H PLC)" should read --(HPLC)--; and  
Line 38, "are" should read --is--.

COLUMN 11

Line 7, "K I P P V G F I" should read --K I P I P V G F I--;  
Line 15, "are" should read --is--; and  
Line 55, "R F I P N I F T A L S G G R R A L" should read  
--R F I I P N I F T A L S G G R R A L--.

COLUMN 12

Line 12, "are" should read --is--;  
Line 25, "Equals" should read --Equal--;  
Line 53, "manufacturers" should read --manufacturer's--; and  
Line 66, "emulsions" should read --emulsion--.

COLUMN 13

Line 37, "manufacturers" should read --manufacturer's--; and  
Line 53, "phenolphtalein-monophosphate" should read  
--phenolphthalein-monophosphate--.

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COLUMN 14


Line 24, "the the" should read --the--;  
Line 25, "propylactic" should read --prophylatic--;  
Line 37, "hydroxyd." should read --hydroxide.--; and  
Line 58, "factor" should read --factor,--.

COLUMN 37

Line 4, "leu" should read --Leu--.

Signed and Sealed this

Second Day of September, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*